

ABSTRACT OF THE DISCLOSURE

This specification discloses a non-volatile static random access memory (SRAM) cell with the feature of keeping data even after the power is turned off. It includes a static random access unit and a non-volatile memory unit. Therefore, it has the random access
5 property of the SRAM normally. After the power is turned off, it can store data in the non-volatile memory unit, so that the data can be automatically restored to the static random access unit from the non-volatile memory unit when the power is turned on.